

SEALED CONTAINER

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Abstract of JP10203551

PROBLEM TO BE SOLVED: To provide a sealed container capable of forming seal excellent in stable sealing and unsealing properties by using a plastic cap having a sealing part integrally formed on an inner face of the cap, without increasing cost, and also capable of solving such problems as the blowing of contents and the bouncing of the cap at the time of opening of the container even in the case where the container is used to be filled with a carbonated beverage. **SOLUTION:** This sealed container comprises a bottle 1 made of plastic and a cap 6 made of plastic, and has each tightening mechanism at both of a neck of the bottle 1 and a skirt part 10 of the cap 6. The bottle 1 of plastic has, at a top end of the neck, a sealing flange 2 in a cantilever-like state in which its outer peripheral side forms a free end and its inner peripheral side forms a base portion, while the cap 6 has a ring 8 for engaging with an outer peripheral portion of the sealing flange 2. Sealing is performed by an elastic deformation of the ring 8 in its axial direction and an elastic deformation of the flange 2 in its axial direction.

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